Missouri Coordinating Board for Higher Education

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William O. Buffe, Vice Chairman, Kansas City

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S4520-1

1983

ANNUAL REPORT

COORDINATING BOARD FOR HIGHER EDUCATION

SHAILA R. AERY

COMMISSIONER

JEFFERSON CITY, MISSOURI

DECEMBER 1983

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COORDINATED PLANNING FOR MISSOURI HIGHER EDUCATION

The steady decline in state and federal support of higher education prompted the Missouri Coordinating Board for Higher Education to direct its staff to evaluate the State Master Plan for Higher Education, **Master Plan III**, published in 1978-1979.

The Master Plan III Assessment Project was organized to describe major trends in Missouri over the past several years and the implications of these trends for higher education; to project the trends for the future and their implications for higher education in Missouri; and to specify a range of public policy alternatives available to the educational and political decision makers who hold the responsibility for higher education.

The issues of access, diversity, and funding comprise the major areas of study for the Master Plan III Assessment Project and are the issues for which public policy alternatives will be developed.

In 1983, five reports in the Master Plan III Assessment Project series have been completed and published. These reports are available upon request from the Coordinating Board for Higher Education.

Master Plan III Assessment Project Report Series

A Summary of Student Aid Trends, 1978-1982

Missouri General Revenue and Higher Education
Appropriation Trends and Projections

Demographic Trends in Missouri's Population
and Enrollment Trends and Projections

Missouri Manpower Trends

Trends in Instructional Programs at
Missouri Public Four-year Institutions
1972-1982

ENROLLMENT CHANGES FY 1983

The Coordinating Board for Higher Education has the responsibility for reviewing changes in enrollments among institutions of higher education in the state. The Board's staff routinely collects enrollment data from the institutions and that information has been used as the basis of this report on enrollment in Missouri institutions.

In fall 1983 a total headcount of 227,715 students were enrolled for study in degree credit programs. Missouri institutions had experienced a continued trend of increasing headcount and full-time equivalent (FTE) enrollments from fall 1978 to fall 1981. A slight decline in enrollments was experienced in fall 1982. Enrollment reports on

full-time enrollment for fall 1983 demonstrate that the state sector is down 1/10 of one percent. The public four-year institutions are fairly stable with an increase of 1.2 percent over fall 1982. The public two-year institutions increased 2.7 percent in full-time enrollment. In the independent institution sector, there is an overall increase of 1.1 percent. Unlike the public sector, the increase in the independent sector is in the four-year institutions. However, the fall 1983 enrollment report tends to confirm the precipitous enrollment decline projected to begin in 1985. First-time freshmen continued to decline for the third year. This decrease has been offset only by unclassified and part-time students.

TABLE 1. SUMMARY OF ON-CAMPUS, ON-SCHEDULE HEADCOUNT ENROLLMENT WITH PERCENT CHANGE, FALL 1982 AND FALL 1983

Institution	Fall 1982	Fall 1983	% Change
STATE SECTOR			
University of Mo.[a]	55,416	54,569	(1.5)%
Four-year[a]	57,366	57,787	0.7
Two-year[a]	58,991	60,745	3.0
Subtotal	171,773	173,101	0.8%
INDEPENDENT SECTOR			
University	19,427	19,346	(0.4)%
Four-year	26,839	27,541	2.6
Two-year	1,389	1,365	(1.7)
Subtotal	47,655	48,252	1.2%
TECH. AND PROF.	6,346	6,362[b]	0.2%
TOTAL	**225,774**	**227,715**	**0.8%**

Source: DHE 02-1, 2, and 4 Enrollment Series.

NOTE: Figures may vary from previous reports as all data has been updated.

[a]Includes residence centers.
[b]Due to unavailability of Fall 1983 enrollment data and in order not to obscure enrollment trends, the Fall 1982 data has been repeated for Fall 1983 for four of the Technical and Professional institutions.

TABLE 2. SUMMARY OF ON-CAMPUS, ON-SCHEDULE ENROLLMENT BY FULL-TIME HEADCOUNT WITH PERCENT CHANGE, FALL 1982 AND FALL 1983

Institution	Full-time Fall 1982	Full-time Fall 1983	% Change
STATE SECTOR			
University of Missouri[a]	39,389	38,241	(2.9)%
Four-year[a]	44,350	44,870	1.2
Two-year	19,924	20,459	2.7
Subtotal	103,663	103,570	(0.1)%
INDEPENDENT SECTOR			
University	12,541	12,471	(0.5)%
Four-year	17,937	18,394	2.5
Two-year	793	743	(6.3)
Subtotal	31,271	31,608	1.1%
TECH. & PROF.	6,200	6,174[b]	(0.4)%
TOTAL	**141,134**	**141,352**	**0.1%**

Source: DHE 02-1, 2, and 4 Enrollment Series.

NOTE: Figures may vary from previous reports as all data has been updated.

[a]Includes residence centers.

[b]Due to unavailability of Fall 1983 enrollment data and in order not to obscure enrollment trends, the Fall 1982 data has been repeated for Fall 1983 for four of the Technical and Professional institutions.

TABLE 3. SUMMARY OF ON-CAMPUS, ON-SCHEDULE ENROLLMENT BY PART-TIME HEADCOUNT WITH PERCENT CHANGE, FALL 1982 AND FALL 1983

Institution	Part-time Fall 1982	Part-time Fall 1983	% Change
STATE SECTOR			
University of Missouri[a]	16,027	16,328	1.9%
Four-year[a]	13,016	12,917	(0.8)
Two-year	39,067	40,286	3.1
Subtotal	68,110	69,531	2.1%
INDEPENDENT SECTOR			
University	6,886	6,875	(0.1)%
Four-year	8,902	9,147	2.7
Two-year	596	622	4.4
Subtotal	16,384	16,644	1.6%
TECH. & PROF.	146	188[b]	28.8%
TOTAL	**84,640**	**86,363**	**2.0%**

Source: DHE 02-1, 2, and 4 Enrollment Series.

NOTE: Figures may vary from previous reports as all data has been updated.

[a]Includes residence centers.
[b]Due to unavailability of Fall 1983 enrollment data and in order not to obscure enrollment trends, the Fall 1982 data has been repeated for Fall 1983 for four of the Technical and Professional institutions.

TABLE 4. SUMMARY OF ON-CAMPUS, ON-SCHEDULE FULL-TIME EQUIVALENCY (FTE) ENROLLMENT, FALL 1982 AND FALL 1983

Institution	Fall 1982	Fall 1983	% Change 1978-1982
STATE SECTOR			
University of Missouri[a]	44,653	43,461	(2.7)%
Four-year[a]	48,747	49,296	1.1
Two-year	32,050	32,960	2.8
Subtotal	125,450	125,717	0.2%
INDEPENDENT SECTOR			
University	15,438	15,667	1.2%
Four-year	20,645	21,043	1.9
Two-year	1,056	1,020	(3.4)
Subtotal	37,139	37,730	1.6%
TECH. & PROF.	6,488	6,494[b]	0.1%
TOTAL	**169,077**	**169,941**	**0.5%**

Source: DHE 02-1, 2, and 4 Enrollment Series.

NOTE: Figures may vary from previous reports as all data has been updated.

[a]Includes residence centers.
[b]Due to unavailability of Fall 1983 enrollment data and in order not to obscure enrollment trends, the Fall 1982 data has been repeated for Fall 1983 for four of the Technical and Professional institutions.

SUMMARY REPORT OF FY 1983 ACADEMIC PROGRAM APPROVAL

The Coordinating Board for Higher Education has the statutory authority to review and approve academic programs for public higher education institutions and to review programs for independent higher education institutions. The following is a summary report of program approval activities. Table 5 indicates the number of new programs approved according to the degree level of the program and the institutional sector. These data reflect a balance between programs submitted by public and independent institutions with slightly more than half of the programs submitted by public institutions. There is also a substantial balance between programs at two-year and four-year institutions. Community colleges received approval for 14 certificate and associate degree programs, while public and independent four-year institutions accounted for the remainder. These data are displayed in Table 6. The 29 programs acted upon in FY 1983 is a slight increase over the 24 programs receiving CBHE action in FY 1982.

The disciplinary areas presented in Table 7 reflect a continuing emphasis on business, computer science, and technology with 19 of 29 programs in these disciplines. In FY 1982, approximately half of the programs were in these discipline groupings.

In addition to those programs noted in the tables, four programs were withdrawn from consideration. This represents an increase over the two programs withdrawn in FY 1982. These institutional decisions occurred subsequent to review by the staff and discussion with institutional representatives.

TABLE 5. NEW PROGRAM ACTION BY DEGREE LEVEL AND INSTITUTIONAL TYPE FY 1983

	Certificate	Associate	Baccalaureate	Graduate	Total
Public	5	10	1	1	17
Independent	0	0	6	6	12
TOTAL	**5**	**10**	**7**	**7**	**29**

TABLE 6. PROGRAMS RECEIVING ACTION IN FY 1983 BY DEGREE LEVEL AND INSTITUTION

Institution	Certificate	Associate	Baccalaureate	Graduate	Total
Jefferson College		3			3
Longview	1				1
Penn Valley	1				1
Florissant Valley	1	1			2
Forest Park	1	1			2
Meramec		2			2
State Fair		1			1
Trenton	1	1			2
Missouri Southern			1		1
Southwest		1		1	2
Fontbonne			1		1
Hannibal-LaGrange			2		2
Maryville				2	2
Park			1	1	2
St. Louis Univ.			2		2
Webster				3	3
TOTAL	**5**	**10**	**7**	**7**	**29**

TABLE 7. DISTRIBUTION OF NEW DEGREE PROGRAMS APPROVED IN FY 1983 BY BROAD DISCIPLINARY AREA AND INSTITUTIONAL TYPE

	Business and Commerce	Computer Science	Health Sciences	Education	Humanities	Tech-nology	Total
Public	4	2	5	0	0	6	17
Independent	5	2	2	1	2	0	12
TOTAL	**9**	**4**	**7**	**1**	**2**	**6**	**29**

SUMMARY REPORT OF 1982 COMMUNITY/JUNIOR COLLEGE OUT-OF-DISTRICT COURSE APPROVAL

In 1981, the General Assembly passed legislation (Senate Bill 2) which authorized public community/junior colleges to offer courses outside district boundaries with Coordinating Board approval. The legislation also includes the proviso that the courses be self-supporting, and that the credit hours generated by these courses should not be submitted for state aid. The CBHE adopted policies and procedures for the review and approval of out-of-district course offerings which specify that the staff analyze data on the first year of out-of-district course offerings. The report of the first year's activities is presented here.

While the Coordinating Board approved nearly 200 courses to be offered during the first year after the passage of the authorizing statute, only a third of the courses were actually offered. It appears that the colleges were rather careful in assuring that the courses actually offered had sufficient enrollment to cover their costs. Those costs were rather modest in most cases due to the use of part-time instructors and to the fact that most of the courses offered did not require new course development work.

Out-of-District Activity Report

This report of out-of-district offerings covers the period from January 1982 through December 1982. The Coordinating Board approved a total of 185 courses to be offered during 1982. Of this total, 59 courses (32%) were actually offered. Table 8 displays this information for each term. The following colleges provided the 59 courses offered during 1982: Crowder, 2 courses; Longview, 14 courses; Maple Woods, 1 course; State Fair, 18 courses; Three Rivers, 21 courses; and Trenton, 3 courses. Projected and actual enrollment, by term, is also displayed on this table. The projected enrollment for all courses which were approved totals 3,435. The projected enrollment for all courses which were offered totals 1,571 and compares favorably to the actual enrollment of 1,679 for those courses. Actual enrollment in individual courses ranged from a low of six students to a high of 141 students. Approximately 60%, or 36 of the courses enrolled between 6 and 15 students. Nineteen percent, or 11 of the courses enrolled between 20 and 35 students. Twelve courses or 20% enrolled 49 or more students.

TABLE 8. NUMBER OF OUT-OF-DISTRICT COURSES APPROVED AND OFFERED WITH ENROLLMENT IN 1982

	Spring 1982	Summer 1982	Fall 1982	Total
Courses Approved	57	12	116	185
Courses Offered	28	3	28	59
Percent Offered	49%	25%	24%	32%
Projected Enrollment/ All Approved Courses	1,158	295	1,982	3,435
Projected Enrollment/ Courses Offered	728	124	719	1,571
Actual Enrollment/ Courses Offered	811	37	831	1,679

COORDINATING BOARD 1983 RECOMMENDATIONS FOR DEVELOPMENT AND COORDINATION

The Missouri Coordinating Board's 1983 recommendations to public higher education institutions were guided by the board's public policy goals to:

- provide access to Missouri citizens to the system of higher education
- promote quality in the context of institutional outcomes as defined by mission
- ensure the efficient use of state resources within the system of higher education

The board's recommendations to public higher education institutions were made in the areas of transfer and articulation; relationship of fees to cost of education; and existing program review. Concurrently, the board developed four specific objectives for general revenue recommendations and these objectives related closely to the Board's major recommendations made to the institutions. The four specific objectives are to:

- provide an appropriate level of general revenue funding in the context of both the current economic environment and the recent funding experience in Missouri
- to slow the rate of expenditure growth in all areas except instruction
- to slow the rate of growth in student fees while increasing the fees to cost of education relationship
- to continue to distinguish between types of institutions according to their role and purpose in the system of public higher education

TRANSFER AND ARTICULATION

The Coordinating Board for Higher Education Committee on Transfer and Articulation reported that, with 20,000 student transfers occurring in Missouri each year, the process as a whole is working and that satisfactory student transfers are highly dependent on meaningful communication between institutions and effective advisement. The committee's priority recommendation was that institutions that have not already done so should appoint an articulation liaison to assist transferring students. Other recommendations addressed problems of transfer of students in education, nursing and business. The committee also reported that transfer problems may occur in the future because of the rapid expansion of computer science related programs and the diversity of emphasis among them. Another recommendation was that the committee review the College Transfer Guidelines now in effect to determine how improvement could be made by the addition of greater specificity.

Implementation of the articulation/transfer recommendations has begun and includes the identification of articulation liaisons at institutions and the establishment of several committees reviewing specific articulation/transfer areas. This allows for widespread involvement among institutions and those persons most affected. A Coordinating Board staff report, **Student Transfer Among Missouri Higher Education Institutions** was developed as background material for the committee and institutions.

RELATIONSHIP OF FEES AND TUITION TO COST OF EDUCATION

Specifically recognizing that the responsibility for setting tuition and fees rests in the governing boards of the institutions, the Coordinating Board made recommendations to the governing boards regarding the relationship of fees and tuition to the cost of education. Cost of education as used here refers to total unrestricted operating expenditures for on-campus instuction minus expenditures for research and public service.

The relationship of fees and tuition to cost of education is a consideration in the determination of budget recommendations for colleges and universities. The CBHE compares the prior year's institutional expenditures to general revenue funding and adds incentive points to recommendations for institutions that 1) achieve the CBHE recommended percentage of unrestricted fee and tuition income to cost of education, and 2) maintain an out-of-state tuition that is twice the in-state fees.

In order to increase the fees to cost of education percentage, institutions can slow the rate of expenditure growth or increase student fees. The Coordinating Board's specific objectives include slowing the rate of expenditure growth and of growth in student fees.

The recommendations approved are as follows:

Tuition and fee income should reach 33 1/3 percent of cost of education by fiscal year 1987 at the University of Missouri. The University, however, should carefully examine expenditure reductions and/or other revenue sources before exceeding 33 1/3 percent in the next two years.

Tuition and fee income should be 28 percent of the cost of education by fiscal year 1987 at the five regional universities: Central Missouri State University, Southeast Missouri State University, Southwest Missouri State University, Northeast Missouri State University, Northwest Missouri State University, and at Lincoln University.

Tuition and fee income should be 26 percent of the cost of education by fiscal year 1987 at the state four-year colleges: Harris-Stowe State College, Missouri Southern State College and Missouri Western State College.

Actual tuition and fee income percentages to cost of education by institution for fiscal year 1983 were as follows:

Central	21.3%
Southeast	23.9
Southwest	23.6
Lincoln	19.1
Northeast	25.8
Northwest	27.3
Southern	23.7
Western	27.0
Harris-Stowe	16.0
University of Missouri	29.9%

The Coordinating Board further reaffirmed its position that out-of-state tuition in all institutions should be twice the cost of in-state fees.

STATEWIDE EXISTING PROGRAM REVIEW

The process for statewide existing program review in public four-year colleges and universities has been approved and begun. The goal is to work in tandem with the institutions to assure the quality of Missouri higher education within the context of limited revenue growth. The objectives of statewide existing program review are: 1) to assist governing boards in clarifying institutional mission; 2) to improve resource allocation; and 3) to enable selective program improvement or reduction. These objectives become increasingly important as Missouri tries to maintain qualitative growth in higher education as well as finance the high cost programs necessary for the changing economy given the state's limited revenue growth.

The statewide review is a two tier process: 1) a review by each four-year institution of twenty percent of its programs over the next five years; and 2) an annual state level review of three to five programs. The Coordinating Board will facilitate the institutional review process on a statewide basis through the provision of broad guidelines, programmatic data, and appropriate adjustments in the funding formula.

The specific programs for state level review were selected as a result of data presented in the Master Plan III Assessment Project Report Number Five, **Trends in Instructional Programs at Missouri Public Four-year Institutions, 1972-1982,** presented in two parts to the Coordinating Board in October and December 1983. The basis for the selection was: 1) programs that appear to be incongruent with the mission of one or more of the institutions; 2) programs that are important to state manpower needs; 3) programs that appear to be unnecessarily duplicative; and 4) programs that appear to demonstrate lower productivity in terms of enrollment and graduation trends.

The chief academic officers of the public four-year colleges and universities were involved in development of the criteria for program reviews. The presidents of the public four-year colleges and universities were involved in selecting the programs for state level review and in developing a recommendation of who will conduct the program reviews.

The Coordinating Board selected teacher education, computer and information sciences, and agriculture as the three instructional programs to review in the public four-year institutions in 1983-1984. The programs were selected after analysis of preliminary data on state manpower needs; possible duplication; and productivity in terms of enrollment and graduation trends, student credit hours, and number of faculty. Attention was also given to institutional mission in the analysis of the data.

Although program review encompasses the full spectrum of programs undertaken by colleges and universities -- instruction, research, public service and extension, student aid, support programs, and auxiliary enterprises, the focus of attention in 1983-1984 is upon instructional programs. The data indicate that expenditures per instructional unit taught, when adjusted for inflation, have actually declined 16 percent since fiscal year 1979. Some high demand fields like computer science have experienced 37 percent decline in funding as enrollment growth has outstripped the public colleges and universities' ability to shift resources to those areas.

The teacher education review will focus on the bachelor degree programs in secondary education in 1983-1984. The Coordinating Board decision contains the option to review all programs in education. This option was included in the decision in recognition of the mixture of education degree programs and to allow flexibility. The education program review may be continued over the next two years, or be ongoing, because of the size and

overlapping nature of education programs. Preliminary data show that education faculty as a whole represent the largest number of faculty in the public four-year institutions, with 12 undergraduate and 9 graduate programs. This preliminary data demonstrated that the size of the education faculty has remained constant while student credit hours and number of degrees have continued to decrease over the past few years.

Agriculture was selected for review in light of national trends which indicate that the next twenty years will be the age of biotechnology much as the last twenty years have been the age of microelectronics. The Coordinating Board for Higher Education anticipates that agriculture will play a central role in this development, particularly in Missouri. Recent trends seen in the preliminary data on this program area suggest possible duplication of programs and dilution of the state's resources. The decline in graduate degrees in this field is of particular concern, as is the apparent duplication of research efforts. This program more than the others will necessarily involve the broader review embracing instruction, research, public services and extension.

The rapid increase in student demand without comparable expenditure growth caused the Coordinating Board to select computer and information sciences to be included in the 1983-1984 state level instructional program review. As strong as the demand is now, many programs are not yet at full production. Technological changes indicate changing curricular needs in the future. Preliminary data show this program is also in need of standard definitions and curricular patterns across institutions.

In regard to institutional existing program review, each of the public four-year institutions has responded to the Coordinating Board's request to submit a schedule of their proposed institutional existing program reviews for the next five years. The Coordinating Board received an overall schedule of these reviews. Most of the institutions have reserved the right to modify their institutional schedules to correspond more closely with the state level program review schedule once it has been developed for the years 1984-1988.

TABLE 9. COORDINATING BOARD FOR HIGHER EDUCATION GENERAL REVENUE SUMMARY FY 1985

	FY 1984 CBHE Recommendation	FY 1985 CBHE Recommendation	% Change
Four-year Institutions			
Central	$ 22,363,876	$ 23,031,759	2.99%
Harris-Stowe	3,501,595	3,553,066	1.47
Lincoln	7,162,893	7,865,844	9.81
Missouri Southern	7,358,469	8,345,505	13.41
Missouri Western	8,363,215	8,894,646	6.35
Northeast	15,657,245	16,261,001	3.86
Northwest	12,409,265	12,668,920	2.09
Southeast	19,717,165	20,752,497	5.25
Southwest	28,629,423	30,233,486	5.60
Subtotal	$125,163,146	$131,606,724	5.15%
University of Missouri	$187,664,632	$202,216,382	7.75%
Total Four-year Institutions	$312,827,778	$333,823,106	6.71%
University of Missouri Related Programs			
University Hospital	$ 14,449,084	$ 17,226,033	19.22%
Institute of Psychiatry	2,091,876	1,960,825	(6.26)
Missouri Kidney Program	2,273,049	3,730,463	64.12
State Historical Society	472,985	468,312	(0.99)
Fire and Rescue Institute	76,554	74,204	(3.07)
Research Fund	1,000,000	1,000,000	0.00
Total University of Missouri Related Programs	$ 20,363,548	$ 24,459,837	20.11%
State Aid to Community/Junior Colleges	$ 44,363,253	$ 47,114,395	6.20%
Higher Education Coordination			
CBHE Coordination*	$ 683,049	$ 712,887	4.37%
Student Grant Program and Distribution	10,130,627	10,156,374	0.25
State Library	727,734	547,169	(24.81)
Wolfner Library	335,417	319,282	(4.81)
State Aid to Public Libraries	2,380,580	1,888,191	(20.68)
Anatomical Board	2,500	2,750	10.00
Applied Projects	500,000	445,000	(11.00)
Total Higher Education Coordination	$ 14,759,907	$ 14,071,653	(4.66)%
GRAND TOTAL	**$392,314,486**	**$419,468,991**	**6.92%**

*Includes FY 1985 request for funds to implement HB 560, approval of proprietary schools. An emergency request for $38,000 for implementation in FY 1984 has been submitted.

TABLE 10. SUMMARY OF RECOMMENDATIONS CAPITAL IMPROVEMENTS FY 1984

	Maintenance	Handicapped	Energy	Renovation	Planning	New Construction	Total
Four-year Institutions							
Central	$ 201,178	$ 471,794	$ 443,699	$ 714,007	$ -0-	$ -0-	$ 1,830,678
Harris-Stowe	43,835	66,839	388,372	1,225,172	-0-	-0-	1,724,218
Lincoln	331,188	30,000	-0-	666,809	150,000	-0-	1,177,997
Missouri Southern	126,470	193,360	42,500	-0-	76,000	2,508,000	2,946,330
Missouri Western	125,709	36,642	287,138	213,500	150,210	-0-	813,199
Northeast	541,744	45,263	320,911	2,403,300	134,000	6,156,107	9,601,325
Northwest	1,287,591	41,769	18,000	500	72,130	-0-	1,419,990
Southeast	264,203	62,817	351,898	4,474,853	25,000	-0-	5,178,771
Southwest	368,060	14,544	-0-	2,158,063	114,000	-0-	2,654,667
University of Missouri	11,514,596	547,050	4,241,073	6,754,460	177,000	18,557,938	41,792,117
Subtotal Four-year	$14,804,574	$1,510,078	$6,093,591	$18,610,664	$ 898,340	$27,222,045	$ 69,139,292
Two-year Institutions							
Crowder	$ 693,570	$ 204,900	$ -0-	$ -0-	$ 319,000	-0-	$ 1,217,470
East Central	77,387	10,550	80,000	-0-	45,000	-0-	212,937
Jefferson	235,950	36,400	97,600	-0-	330,000	-0-	699,950
Metropolitan	1,850,708	3,000	-0-	-0-	2,347,230	-0-	4,200,938
Mineral Area	136,300	-0-	25,000	-0-	-0-	-0-	161,300
Moberly Area	149,000	48,000	31,000	-0-	44,000	-0-	272,000
St. Louis	1,298,530	510,000	50,000	-0-	184,624	-0-	2,043,154
State Fair	493,672	-0-	-0-	-0-	-0-	-0-	493,672
Three Rivers	-0-	-0-	-0-	-0-	177,188	-0-	177,188
Trenton	340,000	50,000	-0-	-0-	59,290	-0-	449,290
Subtotal Two-year	$ 5,275,117	$ 862,850	$ 283,600	$ -0-	$ 3,506,332	$ -0-	$ 9,927,899
CBHE Master Planning Project*							
Four-year Institutions	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
Two-year Institutions	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Subtotal CBHE	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-	$ -0-
GRAND TOTAL	**$20,079,691**	**$2,372,928**	**$6,377,191**	**$18,610,664**	**$ 4,404,672**	**$27,222,045**	**$ 79,067,191**

*NOTE: Master planning funds will be requested from the Board of Public Building Funds for Planning.

SUMMARY OF APPROPRIATIONS RECOMMENDATIONS FOR COMMUNITY/JUNIOR COLLEGE STATE AID FY 1985

The Coordinating Board for Higher Education recommendation for the FY 1985 state aid for community/junior colleges is 45% of operating expenditures for a total state appropriation of $47,114,395. The recommendation represents an increase of approximately 7 percent over last year's CBHE recommendation. The calculations for the recommendation were based on the CBHE policy factors adopted in June 1983, and on the actual FY 1983 level of expenditures and student credit hours produced pursuant to Senate Bill 160 which was passed in the first regular session of the 82nd General Assembly.

TABLE 11. COMMUNITY/JUNIOR COLLEGE STATE AID FY 1983-FY 1985

Institution	FY 1983 Actual	FY 1984 Planned	FY 1985 Recommended	% of Total
Crowder	$ 865,971	$ 949,029	$ 1,129,357	2.40%
East Central	1,444,429	1,582,878	1,882,648	4.00
Jefferson	2,308,939	2,434,880	2,896,415	6.15
Metropolitan	8,424,449	9,392,535	11,188,247	23.75
Mineral Area	1,223,031	1,314,589	1,564,983	3.32
Moberly Area	901,411	970,606	1,155,594	2.45
St. Louis	17,925,726	19,850,530	23,650,843	50.20
State Fair	1,248,782	1,337,447	1,590,130	3.38
Three Rivers	1,087,583	1,191,159	1,419,258	3.01
Trenton	529,954	536,486	636,920	1.35
TOTAL	**$35,960,275**	**$39,560,139**	**$47,114,395**	**100.00%**

MISSOURI STATE LIBRARY

The Missouri State Library is an operating library in Jefferson City that functions under the direction of the Coordinating Board for Higher Education. This library owns a book and material collection in excess of 200,000 items which is used in support of local public libraries and is a general reference and research library available to agencies of state government. The Missouri State Library is responsible for the operation of the Wolfner Library for the Blind and Physically Handicapped which is located in St. Louis. The State Library supervises the State Aid to Public Libraries grant program and is responsible for the state's use of federal funds made available under the Library Services and Construction Act.

During FY 1983 the Missouri General Assembly and the Governor approved legislation recognizing in law the existence of library networks and providing for partial funding of these networks in the future. Library networks are a gathering of libraries of various kinds in an area of the state for the purpose of sharing already existing resources in all the participating libraries. The State of Missouri is served by seven such library networks, and these networks include all areas of the state. The primary emphasis of the existing networks has been the sharing of books and other library materials and through the year the networks have developed skills both in locating needed material and in delivering this material as rapidly and efficiently as possible. Historically the State Library had been the source of needed library material by public libraries located throughout the state. With the development of library networks the State Library's role in providing books, etc., to local libraries has declined, and during the past year the State Library was responsible for fewer direct loans of books, etc., to local public libraries.

The State Library continues to support local libraries through the publication of a monthly magazine and through consultation between members of the State Library staff and local library personnel. Consultation between State Library staff and staff of library networks takes place regularly as the State Library serves to coordinate the activities of library networks.

Although the State Library provides fewer books and materials to local public libraries than it did in the past, the State Library has experienced a growth in requests made for information by employees of state government agencies and by the General Assembly. Over 30,000 requests for information and for printed material from the State Library were made by employees of the various agencies of state government in the past year.

The Wolfner Library for the Blind and Phsycially Handicapped distributes by mail material to blind and physically handicapped residents of the state. Eight thousand five hundred Missouri residents located in every county of the state are users of the Wolfner Library. During the past year a variety of contacts were made throughout the state with organizations concerned with the welfare of the blind and physically handicapped by way of informing these organizations of the services which are available from the Wolfner Library. All material circulated by the Wolfner Library is provided free of charge to the state by the Library of Congress. The state's role is to operate the distribution system for this material.

State grant funds were allocated to public libraries on the basis of population served in the amount of 33¢ per capita for FY 1983. These funds, although representing only a small portion of the operating costs of any public library, are a contribution by the state to the improvement of every local library.

Federal funds made available to the state were used to maintain a variety of programs designed to improve library services in the state. Grants were made to support the operation of the library networks; to assist in the improvement of the five largest public libraries in the state which serve statewide needs; to maintain or develop programs for the aged, the disadvantaged, the blind and physically handicapped, and the institutionalized; and to support and maintain statewide programs, such as a film cooperative, which provide service to many public libraries throughout the state.

THE HIGHER EDUCATION RESEARCH FUND AND THE APPLIED PROJECTS FUND OF THE RESEARCH ASSISTANCE ACT

In 1982 the Missouri General Assembly enacted the Research Assistance Act, a major component of Governor Christopher S. Bond's economic development program. With Governor Bond's strong support, monies to implement the act were appropriated by the Missouri General Assembly for FY 1983 and FY 1984.

The Research Assistance Act created two separate funds to achieve its purposes: the Research Fund for the University of Missouri and the Applied Projects Fund for all other Missouri public four-year institutions. The Research Fund is administered by the University of Missouri's Board of Curators and is intended to address problems requiring basic research for their resolution. The Applied Projects Fund is administered by the Coordinating Board for Higher Education and is reserved for the support of applied research and related projects.

The University Board of Curators approved eighteen research proposals for a total of $746,481 from the Higher Education Research Fund. Since these proposals originated primarily as the result of faculty initiatives rather than in response to expressed corporate needs, the faculty sponsors were given six months to identify a corporate cosponsor. By the end of October, 1983 eight of the projects had successfully identified cosponsors. The Coordinating Board for Higher Education approved one project in fiscal year 1983, in the amount of $225,000 matching funds from the Applied Projects Fund.